

ABSTRACT

A coating system for implants includes a metal base body, which is optionally covered with one or several intermediate layers. The coating system comprises a coating which is disposed thereon in order to increase tissue compatibility. The coating prevents tissue irritations after implantation, has an extremely high biocompatibility and has an anti-inflammatory effect. This is achieved by virtue of the fact that the coating comprises a polysaccharide layer made of a) chitosan and b) hyaluronic acid and/or hyaluronic acid derivatives.